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R/V DAN MOORE STATION LOG

VESSEL (1)	STATION (2-5)	CRUISE NO. (6-8)	MO. (9-14)	DAY	YEAR	GRID (15-17)	LATITUDE (18-21)	LONGITUDE (22-25)
M	3486	039	03	15	78	27AJ	3514	7537

DEPTH (26-29)	SUR. TEMP. (30-31)	BTM TEMP. (32-33)	AIR TEMP (34-35)	BAROMETER (36-38)	BT (39)	WIND DIR. (40-41)	WIND SPD. (42-43)
0005	08	15	15	012	Y	SE	05

S.C. (44)	WEA. (45-46)	BTM TYPE (47-48)	BTM REG (49)	GEAR TYPE (50-51)	GEAR SIZE (52-54)	OP (55)	TM. START (56-57)	MIN. FISHED (58-60)
1	PC	SA	S	FT	151	—	18	030

RIG (61-62)	TOTAL FINFISH (63-67)	TOTAL CRUSTACEANS (68-71)	TOTAL SHELLFISH (72-75)	TOTAL OTHER (76-80)
01	00207	0000	0000	00000

RIG (61-62)	TOTAL FINFISH (63-67)	TOTAL CRUSTACEANS (68-71)	TOTAL SHELLFISH (72-75)	TOTAL OTHER (76-80)
—	—	—	—	—

POSITION	LATITUDE	LONGITUDE	LORAN 3H6	LORAN 3H4	DEPTH fms	C/C	TIME ON STATION PO	TIME ON STATION DO
START	35° 14′	75° 37′	1052	4821	5		1743	1744
FINISH	35° 14′	75° 34′	1029	4818	5		PU 1814	ON 1816

LENGTH WARP	SHAFT RPM	PITCH	GEAR DATA:
50	1300 / 5	50	

SPECIAL MODIFICATIONS

OPERATIONAL COMMENTS

OBSERVATIONS

Positive soundings

112 Blue back 1 Alewife

FIN	CRUST	SHELL	OTHER
207	0	0	0

R/V DAN MOORE SPECIES LIST

STA. NO. 3486 DATE 15 March 19 78 BIOLOGISTS BFH JWG JGT TMG

TOT. CATCH WT. 207 AIR 15°C SURFACE 7.6°C BOTTOM 15.1°C

SAMPLE WT. — RAISING FACTOR — GRID 27 AJ

		SUBSAMPLE		TOTAL			
SPECIES	C or NC	NUMBER	WEIGHT	NO.	WT.	$\bar{X}$ WT	REMARKS
Mustelus canis				5	38	7.6	
Alosa aestivalis				112	55	0.5	Seneg - Freq
Trinectes xanthurus		62	10	149	24	0.2	
Squalus acanthias				4	50	12.5	
Dasyatis sayi		29	6	126	26	0.2	
Leiostomus xanthurus				2	0.25	0.1	
Bairdiella chrysoura				20	4.0	0.2	
Brevoortia tyrannus				15	2.0	0.1	
Micropogon undulatus	NC			28	2.5	0.1	
	C			9	4.5	0.5	
Alosa pseudoharengus				1	0.75	0.75	Seneg - Freq

(1)

Species: Hexagrammos decagrammus

STATION: 3486
GRID: 27AJ
DATE: 15 Mar '78

N = 112
Area III

Specimen #	FORK LENGTH (MM)	SEX	SCALES OR OTOLITHS	AGE	SPAWNING MARKS	REMARKS
1	293	♀ III				
2	240	♂				
3	250	♂				
4	258	♀ III				
5	273	♀ III				
6	265	♀ II				
7	256	♂				
8	257	♂				
9	258	♀ III				
10	263	♂				
11	257	♀ III				Anchovy
12	245	♀ III				
13	258	♀ III				
14	247	♂				
15	256	♂				
16	251	♂				
17	257	♂				
18	274	♀ III				
19	259	♀ II				
20	266	♀ III				
21	249	♂				
22	272	♀ III				
23	252	♂				
24	264	♀ III				
25	277	♀ II				
26	250	♂				
27	257	♂				
28	262	♂				
29	259	♂				
30	268	♀ III				
31	263	♀ III				
32	267	♀ III				
33	253	♂				
34	250	♀ II				
35	247	♂				
36	258	♂				
37	263	♂				
38	258	♀ III				
39	254	♀ III				
40	238	♂				
41	252	♂				
42	252	♂				
43	241	♂				
44	267	♂				
45	258	♂				
46	245	♂				
47	254	♀ III				
48	255	♂				
49	267	♀ III				
50	268	♀ III				

Species: Alosa australis (3)

STATION: 3486
GRID: 2245
DATE: 15 Mar 78

Specimen #	FORK LENGTH (MM)	SEX	SCALES OR OTOLITHS	AGE	SPAWNING MARKS	REMARKS
1	260	♀ II				Ana II
2	272	♀ II				
3	259	♂				
4	266	♀ III				
5	247	♂				
6	247	♂				
7	250	♂				
8	260	♀ III				
9	243	♂				Anchovy
10	261	♀ III				
11	273	♀ III				
12	250	♂				
13						
14						
15						
16						
17						
18						
19						
20						
21						
22						
23						
24						
25						
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49						
50						

Species: Hexagrammos decagrammus

STATION: 54
GRID: 244
DATE: 1-11-11

Specimen #	FORK LENGTH (MM)	SEX	SCALES OR OTOLITHS	AGE	SPAWNING MARKS	REMARKS
1	252	♂				Blue III
2	260	♂				
3	283	♀ III				
4	284	♂ III				
5	246	♂				
6	255	♂				
7	257	♂				
8	255	♀ III				
9	255	♂				
10	247	♂				
11	263	♀ III				
12	257	♂				
13	241	♀ II				
14	267	♂				
15	277	♀ III				
16	271	♀ III				
17	266	♀ III				
18	255	♀ III				
19	267	♂				
20	261	♀ III				
21	258	♂				
22	250	♂				
23	256	♂				
24	275	♀ III				
25	267	♂				
26	247	♂				
27	248	♂				
28	253	♀ III				
29	267	♀ II				
30	256	♀ III				
31	270	♀ II				
32	267	♂				
33	262	♀ III				
34	255	♀ II				
35	253	♂				
36	270	♂				
37	257	♂				
38	264	♀ II				
39	265	♀ III				
40	268	♀ II				
41	254	♀ II				
42	243	♂				
43	262	♂				
44	261	♂				
45	257	♂				
46	256	♂				
47	265	♀ III				
48	252	♂				
49	251	♀ II				
50	250	♀ III				

Species: Hexa pseudoharengus

STATION: 24
GRID: 32
DATE: 15 Nov

Specimen #	FORK LENGTH (MM)	SEX	SCALES OR OTOLITHS	AGE	SPAWNING MARKS	REMARKS
1	271	♀ III				Area III
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
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49						
50						

LENGTH - FREQUENCY DISTRIBUTION

SPECIES: Alcichthys nasticus | STATION: 3486

DATE: 15 March 1938 | LOCALITY: Area III 23A5

T.L.	♂	♀	Set comb	Juv
50-59.9				
60-				
70-				
80-				
90-				
100-				
110-				
120-				
130-				
140-				
150-				
160-				
170-				
180-				
190-				
200-				
210-				
220-				
230-	1		1	
240-	14	1	15	
250-	36	19	55	
260-	8	22	30	
270-		11	11	
280-				
290-				
300-				
310-				
320-				
330-				
340-				
350-				
360-				
370				
380-				
390-				
400-				
410-				
420-				
430-				
440-				
450-				
460-				
470-				
480-				
490-				
500-				
510-				
520				
530-				
540-				

T.L.	♂	♀	Set comb	Juv
550-				
560-				
570-				
580-				
590-				
600-				
610-				
620-				
630-				
640-				
650-				
660-				
670-				
680-				
690-				
700-				
TOTAL				
N	59	53	112	0
$\bar{X}$	253.57	263.11	258.35	—
S.D.	6.45	7.22	8.54	—
range	♂ 238 - 267 mm			
range	♀ 248 - 277 mm			

PAGE ___ OF ___

LENGTH - FREQUENCY DISTRIBUTION

SPECIES: Alosa pseudoharengus

STATION: 34 46

DATE: 5/15

LOCALITY: [illegible]

T. L.					T. L.				
50-59.9					550-				
60-					560-				
70-					570-				
80-					580-				
90-					590-				
100-					600-				
110-					610-				
120-					620-				
130-					630-				
140-					640-				
150-					650-				
160-					660-				
170-					670-				
180-					680-				
190-					690-				
200-					700-				
210-									
220-									
230-					TOTAL				
240-									
250-									
260-									
270-		1	1						
280-									
290-									
300-									
310-									
320-									
330-									
340-									
350-									
360-									
370									
380-									
390-									
400-									
410-									
420-									
430-									
440-									
450-									
460-									
470-									
480-									
490-									
500-									
510-									
520									
530-									
540-									

LENGTH - FREQUENCY DISTRIBUTION

SPECIES: *Alosa pseudoharengus* **STATION:** 3486 and 3491

DATE: March 1978 **LOCALITY:** Area IV Master

T.L.	♂	♀	Sex comb.	non-guard. sex unk.
50-59.9				
60-				
70-				
80-				
90-				
100-				
110-				
120-				
130-	1		1	
140-				
150-				
160-				
170-				
180-				
190-				
200-				
210-				
220-				
230-				
240-				
250-				
260-				
270-		1	1	
280-				
290-	N=1	N=1	N=2	
300-				
310-				
320-				
330-				
340-				
350-				
360-				
370				
380-				
390-				
400-				
410-				
420-				
430-				
440-				
450-				
460-				
470-				
480-				
490-				
500-				
510-				
520				
530-				
540-				

T.L.	♂	♀	Sex comb.	non-guard. sex unk.
550-				
560-				
570-				
580-				
590-				
600-				
610-				
620-				
630-				
640-				
650-				
660-				
670-				
680-				
690-				
700-				
TOTAL				
N	1	1	2	0
$\bar{x}$	135	271	203	—
S.D.	0	0	0	—

range ♂ 135 mm

range ♀ = 271 mm